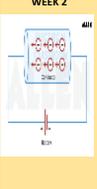
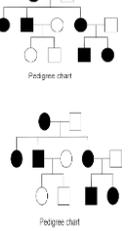


L.K INTERNATIONAL SCHOOL, KAZIPURA				
PLANNER FOR THE MONTH OF MAY (SESSION 2025-26)				
XII SCIENCE				
ENGLISH				
WEEK	CV AS	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	THE TIGER KING Book - Vistas 	(i) Theme and subtheme of the chapter. (ii) One in power should prioritise the work in general benefits as compared to one's personal (iii) Understanding of difficult words. (iv) Explanation of the chapter.	Go through the video (You tube link). https://youtu.be/77ktrPKnGpg?si=1kJTYcnQe-u0SPs	LISTENING COMPREHENSION AND RTC 5th May 2025
WEEK 2	NOTICE WRITING Short Writing Text 	(i) Importance of 'Notice' (ii) Format of 'Notice'. (iii) Points to remember. (iv) Value points in 'Notice'	The Residents' Welfare Association, Green Park is organising a 'Holi Fiesta' in the locality. As the president of the association, draft a notice in not more than 50 words informing the residents about the same. Give other essential details too.	
WEEK 3	LETTER TO THE EDITOR Long writing Text	(i) Definition of Letter (ii) Types of letter (iii) Format of letter to the editor.	You are Abhinav/Abhilasha of B-22, M.C. Colony, Bhiwani. You are concerned about an increase in road accidents in your city. Write a letter to the editor of The Tribune suggesting ways and means to check these accidents.	
WEEK 4&5	Long Writing Text	(i) Job application is a crucial step in the employment process. (ii) Bio data refers to a person's life, experience and achievements.	O. Bal Vidya Public School, Bhilai, urgently requires a post-graduate teacher to teach political science for which they have placed an advertisement in The Bhilai Express. You are Sanjay/Sanjana Sharma from 21, Vasant Marg, Bhilai. Draft a letter including a CV, applying for the advertised post. (120 – 150 words)	

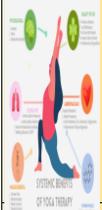
PHYSICS				
WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	Electrical Current 	Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, V-I characteristics (linear and	Revise the concept done in the class	To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias.
WEEK 2		power, electrical resistivity and conductivity, temperature dependence of resistance, internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's rules, Wheatstone bridge.	NCERT Questions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	To study the variation in potential drop with length of a wire for a steady current
WEEK 3		Concept of magnetic field, Oersted's experiment. Biot-Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight solenoid (only qualitative treatment), force on a moving charge in uniform magnetic and electric fields.	NCERT Questions 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15	To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.
WEEK 4		Force on a current-carrying conductor in a uniform magnetic field, force between two parallel current-carrying conductors-definition of ampere, torque experienced by a current loop in uniform magnetic field; Current loop as a magnetic dipole and its magnetic dipole moment, moving coil galvanometer-its current sensitivity and conversion to ammeter and voltmeter.	worksheet	

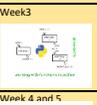
CHEMISTRY				
WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	Ch-7 Alcohols, Phenols and ethers 	Preparation of alcohols and phenols	Learn preparation of alcohols and phenols	4. analysis of zinc and nitrate ions
WEEK 2	Ch-7 Alcohols, phenols, and ethers 	Properties of alcohols and phenols. Preparation and	Learn williamson ether synthesis, learn all mechanism	5. analysis of barium and chloride ion

WEEK 3		Ch-8 Aldehydes, ketones and carboxylic acids	Preparation and properties of aldehyde and ketones	Learn mechanism of nucleophilic addition reaction	6. prepare colloidal solution of starch
WEEK 4 & 5		Ch-8 Aldehydes, ketones and carboxylic acid	Chemical properties of aldehyde and ketones	Learn aldol condensation, Cannizzaro reaction, Iodoform test	7 preparation of ferric hydroxide solution

BIOLOGY				
WEEK	CONTENT	C.W.	H.W.	DATE /
WEEK 1	 CH-Reproductive Health	Reproductive health, The improved reproductive health of society requires following factors, Some of the measures taken for awareness of reproductive health, population explosion and Methods to prevent population explosion ,	Answer the following questions: 1) suggest the aspects of reproductive health which need to be given special attention in the present 2) Suggest some methods to assist infertile couples to have children. 3) What are the measures one has to take to prevent from contracting STDs? 4) Amniocentesis for sex determination is banned in our country. Is this ban	Give a seminar on AIDS and its prevention 
WEEK 2	 Sexual Reproduction in Flowering Plants Reproduction in Humans Reproductive Health	Revision of all the mentioned chapters.	Learn the given topics	Seminars and presentation.
WEEK 1	 PRINCIPLES OF INHERITANCE	INTRODUCTION · MENDEL LAW OF INHERITANCE · Reasons for Mendel Success · Success Reasons for Mendel Success · INHERITANCE OF TWO GENES · MULTIPLE ALLELE AND CODOMINANCE	ANSWER THE FOLLOWING- 1) What are the criteria for selecting organisms to perform crosses to study the inheritance of a few traits? 2) Differentiate between dominance, co-dominance and incomplete dominance. 3) How is it possible for a child to have a blood group O if the parents have blood groups A and B? 4) A tall plant with red flowers (dominant) is crossed with a dwarf plant with white flowers (recessive). Work out 5) Give all the laws of Mendel's law of inheritance .	Mendelian inheritance using seeds of different color / sizes of any plant. 
WEEK 2	 PRINCIPLES OF INHERITANCE	· CHROMOSOMAL THEORY OF INHERITANCE · LINKAGE AND RECOMBINATION · SEX DETERMINATION · MUTATION · ANEUPLOIDY · EUPLOIDY · PEDIGREE ANALYSIS · DISORDERS : THEY CAN BE MENDELIAN OR CHROMOSOMAL.	ANSWER THE FOLLOWING- 1) Explain Down's syndrome. 2) Why does sickle-cell anaemia persist in the human population when it is believed that the harmful alleles get 3) What is aneuploidy? Differentiate between aneuploidy and polyploidy. 4) Describe the individuals with the following chromosomal abnormalities: Trisomy at chromosome 21, XXY & XO 5) List out the characteristics of the chromosome theory of inheritance. 6) Why is colour blindness more prominent in males than females?	Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness. 

HOME SCIENCE				
WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	Public Nutrition and Health	· Introduction · Significance · Basic concept · Problems · PEM · PHN	1. Make notes in your notebook 2. Do NCERT Ques/Ans.	
WEEK 2	Public Nutrition and Health	Strategies/Interven · Nutrition Programmes · Health Care · Scope	1. Make notes in your notebook 2. Do NCERT Ques/Ans.	
WEEK 3	Food Processing and Technology	· Meaning · Significance · Basic Concepts · Development · Importance of	1. Make notes in your notebook 2. Do NCERT Ques/Ans.	
WEEK 4	Food Processing and Technology	· Classification	1. Make notes in your notebook	

		<ul style="list-style-type: none"> Preparing for a career scope 	2. Do NCERT Ques/Ans.	
PHYSICAL EDUCATION				
WEEK (Working days)	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1 	Yoga as Preventive measure for Lifestyle Disease	<ul style="list-style-type: none"> Overview of the Obesity: Procedure, Benefits & Diabetes: Procedure, Benefits & Contraindications ASTHMA: Procedure, Benefits & Contraindications for Sukhasana, Chakrasana, Gomukhasana, Parvatasana, Bhujangasana, Paschimottanasana 	<ul style="list-style-type: none"> Prepare notes of the topics explained in the class also draw any Prepare notes of the topics explained in the class also draw any two asana also try to do any two asana of each 	Practicing yoga asana for each type of life style disease
WEEK 2 	Yoga as Preventive measure for Lifestyle Disease	<ul style="list-style-type: none"> Procedure, Benefits & Contraindications for Chakrasana, Bhujangasana, Back pain and arthritis Procedure, Benefits & Contraindications for Bhujangasana, Paschimottanasana, Pawanuktasana, Ardha - Matsyendrasana, Class test of CH-3 	<ul style="list-style-type: none"> Prepare notes of the topics explained in the class also draw any two asana also try to do any two asana 	Practicing yoga asana for each type of life style disease
	Physical Education & Sports for CWSN (Children with Special Needs - Divyang)	<ul style="list-style-type: none"> Overview of the chapter Organizations promoting Disability Sports (Special Olympics; Paralympic; Dealympics) Concept of Classification and Divisioning in Sports 	Prepare notes of the topics explained in the class also	
WEEK 4 	Physical Education & Sports for CWSN (Children with Special Needs - Divyang)	<ul style="list-style-type: none"> Concept of Inclusion Advantages of Physical Strategies to make Physical Activities Class 	<ul style="list-style-type: none"> Prepare notes of the topics explained in the class also Prepare for the 	
MATHEMATICS				
WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	CH-03: MATRICES	<ul style="list-style-type: none"> Transpose of a matrix Symmetric and Skew-symmetric matrices Representing a matrix as a sum of symmetric and skew-symmetric matrix Operations on matrices and proofs 	<ul style="list-style-type: none"> Revise the work done in the class Solve the questions given Do Exercise 3.3 in homework copy Do Exercise 3.4 in homework copy 	<ul style="list-style-type: none"> Complete the assignments given on Ch-3 1. Multiple Choice Question 2. Assertion and Reasoning questions 3. Case study based questions & Worksheet
WEEK 2 (5) UT-1	CH-12: LINEAR PROGRAMMING	<ul style="list-style-type: none"> Learn the terms used in the chapter Draw the linear Inequalities in two variables Shade the common feasible region and find the corner points Maximise or minimise the given objective function 	<ul style="list-style-type: none"> Revise the terms used draw the graphs of the linear inequalities given Do Exercise 12.1 in homework copy Complete the assignments given 	<ul style="list-style-type: none"> Complete the assignments given on Ch-12 1. Multiple Choice Question 2. Assertion and Reasoning questions 3. Case study based questions & Worksheet
WEEK 4	CH-04: DETERMINANTS	<ul style="list-style-type: none"> Finding inverse of a given matrix and relations between inverse and Long answer type questions based on determinants Practice of questions from last 5 years CBSE board examinations 	<ul style="list-style-type: none"> Do exercise 4.5 in homework copy and Revise syllabus for UT-1 Complete exercise 4.6 in homework copy Try all the questions given in homework 	<ul style="list-style-type: none"> 2. Assertion and Reasoning questions 3. Case study based questions & Worksheet
WEEK 5 (6)		<ul style="list-style-type: none"> Introduction to Types of vectors 	<ul style="list-style-type: none"> Learn the terms discussed in class Do exercise 10.1 in your homework copy 	

	CH-10: VECTOR ALGEBRA	<ul style="list-style-type: none"> * Addition and subtraction of vectors, Section formula for vectors * Direction ratios and direction cosines * Scalar product of vectors 	<ul style="list-style-type: none"> * do exercise 10.2 in your homework copy * Revise the work done in class * Do exercise 10.3 in homework copy 	
COMPUTER SCIENCE				
WEEK	CONT	C.W.	H.W.	DATE / ACTIVITY/PRACTICAL
WEEK 1 	Python revision tour 2	<ul style="list-style-type: none"> Strings Python built in strings Tuples Python built in tuples 	Do complete given question answer from chapter 2	<ul style="list-style-type: none"> Find the difference between list tuple and dictionary and write it in your notebook.()
Week2 	Working with functions	<ul style="list-style-type: none"> Introduction Understanding function Defining functions in python Structure of a python program Flow of execution in a function call 	Do complete given task	<ul style="list-style-type: none"> Write a program to add two numbers using a function.()
Week3 	Working with functions	<ul style="list-style-type: none"> Arguments and parameters Passing parameters Default arguments Returning multiple values 	Do complete given task to you	<ul style="list-style-type: none"> Do complete you practical file work()
Week 4 and 5 	Working with functions	<ul style="list-style-type: none"> Void functions Scope of variables Mutable and immutable properties 	Do complete given question answer from chapter 3	<ul style="list-style-type: none"> Write a program passing a mutable type value to a function-adding/ deleting items to it.
FASHION STUDIES				
WEEK 1 	<ul style="list-style-type: none"> Employability skills: Chapter 2- Self management skills 	<ul style="list-style-type: none"> Understanding and reading of the chapter. 	<ul style="list-style-type: none"> Read the chapter at home for better understanding. Bring the following material required for the practical: brown pattern paper, scissor, pencil, scale, black marker, fevicol, and A-3 size sheet. 	<ul style="list-style-type: none"> Practical 1 of chapter 2, Basic pattern development: Develop a basic bodice block.
WEEK 2 	<ul style="list-style-type: none"> Employability skills: Chapter 2- Self management skills 	<ul style="list-style-type: none"> Understanding and reading of the chapter. Discussion of Q/Ans of chapter 2- Self management skills 	<ul style="list-style-type: none"> Complete Q/Ans of Chapter 2- Self management skills given in the book. Bring the following material required for the practical: brown pattern paper, scissor, pencil, scale, black marker, fevicol, and A-3 size sheet. 	<ul style="list-style-type: none"> Practical 2 of chapter 2, Basic pattern development: Develop a bodice through dart manipulation.
WEEK 3 	<ul style="list-style-type: none"> Introduction to chapter 2, Basic pattern development 	<ul style="list-style-type: none"> Pattern making Measurements Tools 	<ul style="list-style-type: none"> Read the chapter at home for better understanding. Bring the following material required for the practical: brown pattern paper, scissor, pencil, scale, black marker, fevicol, and A-3 size sheet. 	<ul style="list-style-type: none"> Practical 3 of chapter 2, Basic pattern development: Develop a basic skirt block.
WEEK 4 	<ul style="list-style-type: none"> Chapter 2, Basic pattern development 	<ul style="list-style-type: none"> Fits Pattern development Neckline Dart manipulation 	<ul style="list-style-type: none"> Read the chapter at home for better understanding. Bring the following material required for the practical: brown pattern paper, scissor, pencil, scale, black marker, fevicol, and A-3 size sheet. 	<ul style="list-style-type: none"> Practical 4 of chapter 2, Basic pattern development: Develop style variation of skirts- one dart and A-line
Week 5 	<ul style="list-style-type: none"> Chapter 2, Basic pattern development 	<ul style="list-style-type: none"> Skirt Sleeve collar Discussion of Q/Ans of chapter 2 Basic pattern development 	<ul style="list-style-type: none"> Complete Q/Ans of Chapter 2 Basic pattern development given in the book. 	<ul style="list-style-type: none"> (31/05/25) Neckline: Draw 6 types of neckline in your notebook.